

ABSTRACT

A UE/queue selected by a scheduler is input to an offset table (111) and a corresponding offset value is  
5 output to a CQI conversion section (112). Using this offset value, the CQI conversion section (112) converts a CQI output from a demodulation/decoding section and outputs the converted CQI to an adaptive modulation parameter determination section (113). Based on the  
10 converted CQI, the adaptive modulation parameter determination section (113) determines and outputs adaptive modulation parameters with reference to an adaptive modulation parameter table (114). Then, a transmission packet is adaptively modulated using these  
15 adaptive modulation parameters. This makes it possible to realize fast data transmission while satisfying QoS of the transmission packet.